

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	22	(US-20010004681-\$ or US-20020123718-\$ or US-20030093030-\$ or US-20050267403-\$). did. or (US-3802430-\$ or US-5383851-\$ or US-5480381-\$ or US-5630796-\$ or US-5788215-\$ or US-5891086-\$ or US-6309371-\$ or US-6425879-\$ or US-3941128-\$ or US-4479801-\$ or US-6096002-\$ or US-6132395-\$ or US-6383168-\$ or US-6471669-\$ or US-6585685-\$ or US-6607510-\$ or US-6641554-\$ or US-6645170-\$).did.	US-PGPUB; USPAT	OR	ON	2010/07/20 15:23
S1	18	("3507276" "3688765" "3859996" "4059107" "4266541" "4592742" "4596556" "4652261" "4790824" "5080648" "5318522" "5503627" "5569190" "5865795" "5921967" "6168587" "6383168").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 12:22
S2	3	(("6264629") or ("6132395") or ("6096002")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 12:22

S3	23	("3688765" "4266541" "4592742" "4596556" "4652261" "4790824" "5080648" "5318522" "5569190" "5921967").PN. OR ("6264629").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 12:23
S4	42	("3729031" "3940003" "3941128" "4592745" "4662878" "4713061" "4747839" "4790824" "4850967" "4886495" "4909794" "4940460" "4941880" "5024656" "5135514" "5273544" "5364386" "5399163" "5462535" "5472022" "5573513" "5716348").PN. OR ("6132395").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 12:23
S5	51	((SERGIO) near2 (LANDAU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 13:00
S6	39	(BIOJECT near INC).as.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 13:01
S7	19	("3507276" "3688765" "3859996" "4059107" "4266541" "4592742" "4596556" "4652261" "4790824" "5080648" "5318522" "5503627" "5569190" "5865795" "5921967" "6168587" "6383168" "6056716").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 13:02

S8	50	("4596556" "4940460" "5851198" "6063053" "6258063" "6264629" "6572581" "6585685" "6599264" "6689093" "6752781" "20010004681" "20020188250" "20020188251" "20040035491" "20040162517" "4790824" "4941880" "5024656" "5304128" "5993412" "6096002" "6648850" "6986754" "20020099329" "20020169412" "20020188249" "20030114789" "20040176721" "20050131342" "4000740" "4153173" "4447234" "4468221" "4573994" "4588394" "4634427" "4681560" "4761158" "4936835" "5092842" "5152753" "5176633" "5201719" "5389086" "5425465" "5558648" "5785692" "5788677" "5820602"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 13:03
S9	48	("20010004681" "20020123717" "2545017" "2653602" "2667874" "2680439" "3110309" "3115133" "3292621" "3561443" "3688765" "3695266" "3714943" "3853125" "3941128" "3945379" "4059107" "4124024" "4479801" "4596556" "4680027" "4717384" "4790824" "4913699" "4940460" "5009637" "5024656" "5383851" "5503627"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 14:24

		"5730723" "5993412" "6096002" "6132395" "6210359" "6224567" "6264629" "6383168").PN. OR ("6645170").URPN.				
S10	1	("5024656").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:32
S11	45	("3729031" "3940003" "3941128" "4592745" "4662878" "4713061" "4747839" "4790824" "4850967" "4886495" "4909794" "4940460" "4941880" "5024656" "5135514" "5273544" "5364386" "5399163" "5462535" "5472022" "5573513" "5716348").PN. OR ("6132395").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/12 14:33
S12	33	("3729031" "3940003" "3941128" "4592745" "4662878" "4713061" "4747839" "4790824" "4850967" "4886495" "4909794" "4940460" "4941880" "5024656" "5135514" "5273544" "5364386" "5399163" "5462535" "5472022" "5573513" "5716348").PN. OR ("6383168").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/26 23:40
S13	3015	(needleless needle-less needle adj less) with (injector injection syringe)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 14:29
S14	2196	(needleless needle-less needle adj less) adj (injector injection syringe)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 14:30

S15	338	S14 and plug	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 14:33
S16	679	S14 and "604".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 14:33
S17	119	S15 not S16	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/27 15:13
S18	3	(("6471669") or ("6641554") or ("6645170")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/24 17:35
S19	25	(US-20010004681-\$ or US-20020123718-\$ or US-20030093030-\$ or US-20050267403-\$). did. or (US-3802430-\$ or US-5383851-\$ or US-5480381-\$ or US- 5630796-\$ or US- 5788215-\$ or US- 5891086-\$ or US- 6309371-\$ or US- 6425879-\$ or US- 3941128-\$ or US- 4479801-\$ or US- 6096002-\$ or US- 6132395-\$ or US- 6264629-\$ or US- 6383168-\$ or US- 6471669-\$ or US- 6572581-\$ or US- 6585685-\$ or US- 6607510-\$ or US- 6641554-\$ or US- 6645170-\$ or US- 6689093-\$).did.	US-PGPUB; USPAT	OR	ON	2009/09/15 13:08
S20	17	(US-20010004681-\$ or US-20020123718-\$ or US-20030093030-\$ or US-20050267403-\$). did. or (US-6096002-\$ or US-6132395-\$ or US-6264629-\$ or US- 6383168-\$ or US- 6572581-\$ or US- 6585685-\$ or US- 6641554-\$ or US- 6645170-\$ or US- 6689093-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/09/15 13:09

		3941128-\$ or US-4479801-\$ or US-6471669-\$ or US-6607510-\$).did.				
S21	1	("6264629").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 13:17
S22	30	("3688765" "4266541" "4592742" "4596556" "4652261" "4790824" "5080648" "5318522" "5569190" "5921967").PN. OR ("6264629").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 13:21

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3	"Term Removed"	USPAT	OR	ON	2010/07/20 15:23
L3	117	(needleless needle-less) and inject\$4 and liquid and orifice and plug	USPAT; UPAD	OR	ON	2010/07/20 15:24
L4	58	(needleless needle-less) and inject\$4 and liquid and orifice and plug and angle	USPAT; UPAD	OR	ON	2010/07/20 15:24
L5	0	((needleless needle-less) and inject\$4 and liquid and orifice and plug and angle).clm.	USPAT; UPAD	OR	ON	2010/07/20 15:24
L6	24	(needleless needle-less) and inject\$4 and liquid and orifice and plug and angle and first with second with position	USPAT; UPAD	OR	ON	2010/07/20 15:24
L7	7	((needleless needle-less) and inject\$4 and liquid and orifice and plug).clm.	USPAT; UPAD	OR	ON	2010/07/20 15:24

S23	105	(needleless needle-less) and inject\$4 and liquid and orifice and plug	USPAT; UPAD	OR	ON	2009/09/15 13:24
S24	48	(needleless needle-less) and inject\$4 and liquid and orifice and plug and angle	USPAT; UPAD	OR	ON	2009/09/15 13:25
S25	0	((needleless needle-less) and inject\$4 and liquid and orifice and plug and angle). clm.	USPAT; UPAD	OR	ON	2009/09/15 13:25
S26	15	(needleless needle-less) and inject\$4 and liquid and orifice and plug and angle and first with second with position	USPAT; UPAD	OR	ON	2009/09/15 13:25
S27	7	((needleless needle-less) and inject\$4 and liquid and orifice and plug). clm.	USPAT; UPAD	OR	ON	2009/09/15 13:26

7/20/2010 3:26:45 PM

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